



# UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov

APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/076,372	02/19/2002	Hideko Nanjo	P 290720 T2YK-01S1182	1496
909	7590	06/29/2004	EXAMINER	
PILLSBURY WINTHROP, LLP P.O. BOX 10500 MCLEAN, VA 22102			WONG, ALBERT KANG	
		ART UNIT	PAPER NUMBER	
		2635		

DATE MAILED: 06/29/2004

Please find below and/or attached an Office communication concerning this application or proceeding.

<b>Office Action Summary</b>	Application No.	Applicant(s)	
	10/076,372	NANJO, HIDEKO	
	Examiner	Art Unit	
	Albert K Wong	2635	

-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

#### Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

#### Status

1) Responsive to communication(s) filed on 19 February 2002.

2a) This action is FINAL.                    2b) This action is non-final.

3) Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

#### Disposition of Claims

4) Claim(s) 1-8 is/are pending in the application.

4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.

5) Claim(s) \_\_\_\_\_ is/are allowed.

6) Claim(s) 1-8 is/are rejected.

7) Claim(s) \_\_\_\_\_ is/are objected to.

8) Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

#### Application Papers

9) The specification is objected to by the Examiner.

10) The drawing(s) filed on \_\_\_\_\_ is/are: a) accepted or b) objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).

11) The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

#### Priority under 35 U.S.C. § 119

12) Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).

a) All    b) Some \* c) None of:

1. Certified copies of the priority documents have been received.
2. Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).

\* See the attached detailed Office action for a list of the certified copies not received.

#### Attachment(s)

1) Notice of References Cited (PTO-892)

2) Notice of Draftsperson's Patent Drawing Review (PTO-948)

3) Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date see action.

4) Interview Summary (PTO-413)  
Paper No(s)/Mail Date. \_\_\_\_\_.

5) Notice of Informal Patent Application (PTO-152)

6) Other: \_\_\_\_\_.

1. This Office action is in response to the application filed February 19, 2002. Claims 1-8 are pending.

2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claim 3 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Regarding claim 3, "the test items" and "the end of the test" lack an antecedent basis. It is also not clear what these items are. The wherein clause does not make sense.

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 1-2, 4, 6, and 8 are rejected under 35 U.S.C. 102(b) as being anticipated by Wiesmann.

Regarding claim 1, the claimed telemetry terminal is shown as figure 5; the claimed display unit is shown as item 164 and associated LEDs; and the claimed control section is shown as item 161.

Regarding claim 2, the antenna is shown as item 16 and col. 14, lines 1-10 teaches that a LED is used to indicate if the transmitter/receiver is operational. This is an indicator of the signal strength of the antenna because a failure to transmit/receive indicates a low signal strength.

Regarding claim 4, the antenna has been discussed in claim 3. The system has a receiver that permits the reception of signals from a host computer at a center. An indicator tell the user to vacate the building because of danger. This is sent from the center.

Regarding claim 6, the system display physiological data that is sent to the center about the user. The user is also made aware of the data on the display. Thus, the control section causes the display unit to display info held at the apparatus.

Regarding claim 8, by sending an evacuation signal to the user, the control section causes the display to display information in accordance with a request from the center.

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claims 3, 5, and 7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wiesmann. The system in Wiesmann is for use with a firefighter.

Regarding claim 3, any relevant information may be displayed to the user. It would have been obvious to provide information regarding a test so that the user may be aware of malfunctions in the system.

Regarding claim 5, the reception of information is not limited to any particular set. A fireman would certainly find weather information useful. Wind direction would be important in fighting a fire. It would have been obvious to provide weather information to a use for the above reason.

Regarding claim 7, the reception of information is not limited to a particular set. A firefighter would find inventory information useful. The amount of remaining equipment would obviously be of use to the firefighter.

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The cited prior art are other examples of telemetry systems with displays and other desired functions.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Albert K Wong whose telephone number is 703-305-8884. The examiner can normally be reached on M-Th.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Horabik can be reached on 703-305-4704. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Albert K. Wong  
June 25, 2004

1. This Office action is in response to the application filed February 19, 2002. Claims 1-8 are pending.
2. The following is a quotation of the second paragraph of 35 U.S.C. 112:

The specification shall conclude with one or more claims particularly pointing out and distinctly claiming the subject matter which the applicant regards as his invention.

3. Claim 3 is rejected under 35 U.S.C. 112, second paragraph, as being indefinite for failing to particularly point out and distinctly claim the subject matter which applicant regards as the invention.

Regarding claim 3, "the test items" and "the end of the test" lack an antecedent basis. It is also not clear what these items are. The wherein clause does not make sense.

4. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(b) the invention was patented or described in a printed publication in this or a foreign country or in public use or on sale in this country, more than one year prior to the date of application for patent in the United States.

5. Claims 1-2, 4, 6, and 8 are rejected under 35 U.S.C. 102(b) as being anticipated by Wiesmann.

Regarding claim 1, the claimed telemetry terminal is shown as figure 5; the claimed display unit is shown as item 164 and associated LEDs; and the claimed control section is shown as item 161.

Regarding claim 2, the antenna is shown as item 16 and col. 14, lines 1-10 teaches that a LED is used to indicate if the transmitter/receiver is operational. This is an indicator of the signal strength of the antenna because a failure to transmit/receive indicates a low signal strength.

Regarding claim 4, the antenna has been discussed in claim 3. The system has a receiver that permits the reception of signals from a host computer at a center. An indicator tell the user to vacate the building because of danger. This is sent from the center.

Regarding claim 6, the system display physiological data that is sent to the center about the user. The user is also made aware of the data on the display. Thus, the control section causes the display unit to display info held at the apparatus.

Regarding claim 8, by sending an evacuation signal to the user, the control section causes the display to display information in accordance with a request from the center.

6. The following is a quotation of 35 U.S.C. 103(a) which forms the basis for all obviousness rejections set forth in this Office action:

(a) A patent may not be obtained though the invention is not identically disclosed or described as set forth in section 102 of this title, if the differences between the subject matter sought to be patented and the prior art are such that the subject matter as a whole would have been obvious at the time the invention was made to a person having ordinary skill in the art to which said subject matter pertains. Patentability shall not be negated by the manner in which the invention was made.

7. Claims 3, 5, and 7 are rejected under 35 U.S.C. 103(a) as being unpatentable over Wiesmann. The system in Wiesmann is for use with a firefighter.

Regarding claim 3, any relevant information may be displayed to the user. It would have been obvious to provide information regarding a test so that the user may be aware of malfunctions in the system.

Regarding claim 5, the reception of information is not limited to any particular set. A fireman would certainly find weather information useful. Wind direction would be important in fighting a fire. It would have been obvious to provide weather information to a use for the above reason.

Regarding claim 7, the reception of information is not limited to a particular set. A firefighter would find inventory information useful. The amount of remaining equipment would obviously be of use to the firefighter.

8. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure. The cited prior art are other examples of telemetry systems with displays and other desired functions.

9. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Albert K Wong whose telephone number is 703-305-8884. The examiner can normally be reached on M-Th.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Michael Horabik can be reached on 703-305-4704. The fax phone number for the organization where this application or proceeding is assigned is 703-872-9306.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).



Albert K. Wong  
June 25, 2004